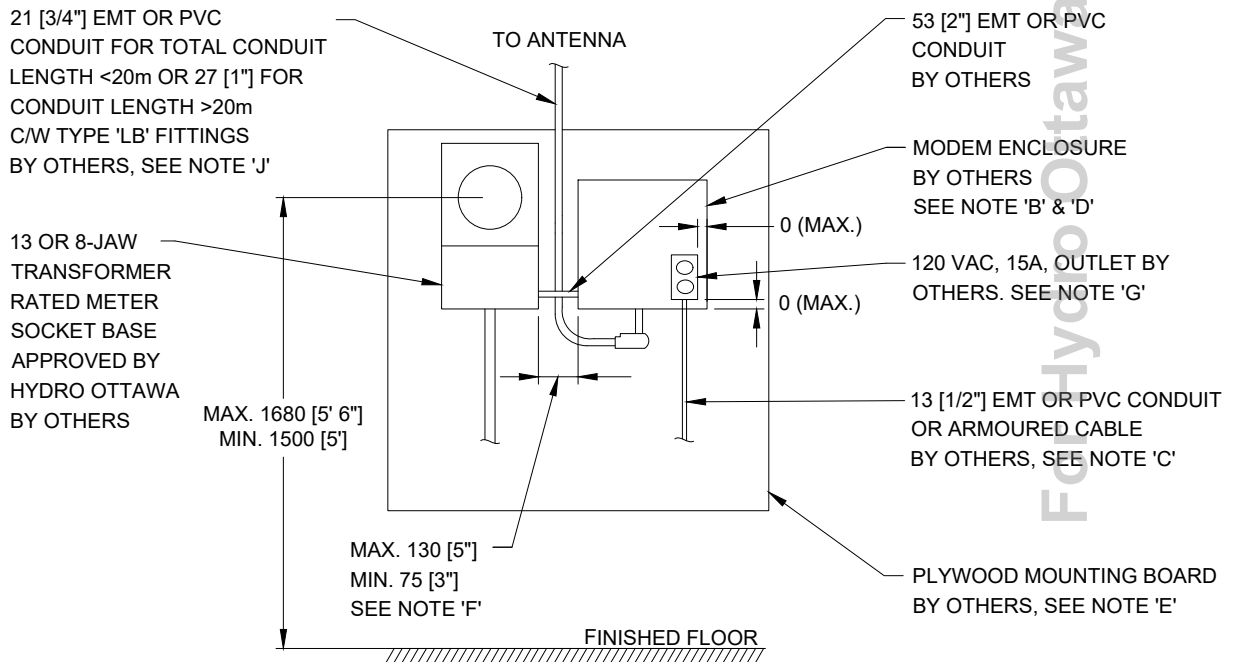



NOTES:

- A. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE SPECIFIED.
- B. INTERVAL METER WITH MODEM ENCLOSURE ARE REQUIRED FOR INDOOR TYPE INSTALLATION AS PER MCS0017, MCS0025 OR MCS0026 DEPENDING ON SERVICE RATING AND PROPOSED SERVICE EQUIPMENT/LAYOUT.
- C. INSTALLATION SHALL MEET ONTARIO ELECTRICAL SAFETY CODE (OESC) AND HYDRO OTTAWA REQUIREMENTS.
- D. MODEM ENCLOSURE, MUST BE NEMA TYPE 3 OR BETTER CSA APPROVED, HAVING A MINIMUM SIZE OF 400x400x150 [16"x16"x6"] AND SUPPLIED COMPLETE WITH:
 - i. REMOVABLE EQUIPMENT MOUNTING PLATE.
 - ii. SIDE HINGED DOOR.
 - iii. GROUND STUD IN CABINET AND BONDING STUD ON DOOR C/W GROUND BONDING STRAP.
 - iv. PROVISIONS FOR PADLOCK UTILITY LOCKING WITH PADLOCK WITH [3/8"] SHACKLE.
- E. 13 OR 8-JAW TRANSFORMER RATED METER SOCKET BASE AND ENCLOSURE SHALL BE MOUNTED ON A PLYWOOD MOUNTING BOARD, TO MEET MCS0017, MCS0025 OR MCS0026 REQUIREMENTS. THE PLYWOOD MOUNTING BOARD IS EXCLUSIVELY FOR HYDRO OTTAWA'S METERING EQUIPMENT AND COMMUNICATIONS.
- F. MODEM ENCLOSURE SHALL BE INSTALLED SUCH THAT THE BOTTOM OF THE ENCLOSURE IS MOUNTED AT THE SAME HEIGHT AS THE BOTTOM OF THE METER BASE.
- G. 120VAC OUTLET SHALL BE SUPPLIED POWER FROM A PUBLIC PANEL USING A DEDICATED CIRCUIT BREAKER AND CONDUIT TO MEET OESC REQUIREMENTS. THE SUPPLY BREAKER SHALL HAVE PROVISIONS TO BE PADLOCK LOCKABLE IN THE CLOSED (ON) POSITION WHILE STILL ALLOWING TRIP-FREE OPERATION OF THE BREAKER UNDER FAULT CONDITIONS.
- H. REFER TO MCS0105 FOR MINIMUM CLEARANCE IN FRONT OF REVENUE METERING EQUIPMENT.
- I. "BY OTHERS" REFERS TO EQUIPMENT SUPPLIED AND INSTALLED BY THE CUSTOMER AND/OR THEIR AGENT/CONTRACTOR.
- J. CONTACT HYDRO OTTAWA METERING SERVICES TO DISCUSS THE PROJECT NEED FOR A REMOTE COMMUNICATION ANTENNA AND MOUNTING LOCATION.



G:\4.2.3 TECH STD & MAT\01 STDS\01 HOL\W-METERING\C-CONSTRUCTION\MCS0129 R1 TYPICAL INTERVAL METERING WITH WIRELESS MODEM ENCLOSURE.DWG

Hydro Ottawa Use Only Copyright 2011

REVISIONS			PREP	CHKD	APPD	TITLE	ENGINEERING SPECIFICATION TYPICAL INDOOR INTERVAL METERING WITH WIRELESS MODEM ENCLOSURE CONSTRUCTION DETAIL			
REV: 1	DATE: 2021-08-26	EV	PL	MW	 www.hydroottawa.com			NO: MCS0129		
CHANGE:	UPDATED TITLE, UPDATED NOTES, ADDED NOTES 'I' & 'J' ADDED 8 JAW XFMR OPTION									
REV:	DATE:				PREP: E. VEH CHKD: R. HARRINGTON APPD: E. DONKERSTEEG P.Eng DATE: 2018-12-18 SCALE: N.T.S. @ ANSI A					
CHANGE:										